

What is claimed is:

1. A water-repellent sheet with a protective film, which comprises:

a base layer;

a water-repellent layer disposed on the base layer; and

a protective film bonded to water-repellent layer such that the water-repellent layer is between the protective film and the base layer, wherein the water-repellent layer contains a fluorocarbon-based polymer binder and a fluorocarbon-based resin powder dispersed in said fluorocarbon-based polymer binder, and the water-repellent layer remains on the base layer.

2. The water-repellent sheet of claim 1, wherein the water-repellent layer exhibits a certain cohesive force, and wherein the adhesion force between the water-repellent layer and the protective film is greater than the cohesive force.

3. A sheet for preventing snow adhesion comprising a water-repellent sheet formed by removing the protective film from the water-repellent sheet of claim 1.

4. A method of producing a water-repellent board construction having a water-repellent layer on an outermost surface thereof, said method comprising the steps of:

(a) providing a board having a board surface;

(b) providing a water-repellent sheet having a protective film bonded thereto, wherein the water-repellent sheet having a protective film bonded thereto comprises,

(i) a base layer having a first major surface and a second major surface,

(ii) a water-repellent layer provided on the second major surface of the base layer, the water-repellent layer having an outer surface not in contact with the base layer, and

(iii) a protective film provided on the outer surface of the water-repellent layer;

(c) compression bonding the water-repellent sheet having a protective film to the board via an adhesive layer disposed between the first major surface of the base layer and the board surface, the compression bonding being carried out with a compression bonding jig pressed on the surface of the protective film; and

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(d) exposing the outer surface of the water-repellent layer by removing the protective film